



**The Historic Sheraton Old Town Hotel
Albuquerque, New Mexico, U.S.A.**

October 18-20, 2004

PRELIMINARY PROGRAM



*Building Healthy
Communities
and
Partnerships*

The Premier Southwest Regional Environmental Health Conference





NMEHC-2004

NM ENVIRONMENTAL HEALTH CONFERENCE

ABOUT NMEHC-2004

The New Mexico Environmental Health Conference in eight years has grown into the premier Southwestern and Mountain states regional conference, attracting participants from all over the country. The original goals have remained the same: to bring people together from all segments of the community to form lasting partnerships in working together to solve complex environmental health problems. At the same time, conference attendees receive the latest in professional development, management and planning ideas, cutting-edge technology and research, and a deep insight into community, regional and border issues facing all of us. Through the generosity of sponsors and exhibitors, all this is being provided at a low registration fee which allows more people to attend a quality conference.

NMEHC-2004 will bring together participants, presenters and exhibitors from all levels of government, private businesses, educational institutions, research laboratories, military personnel, professional associations, and community and tribal organizations. Attending will be environmental and public health professionals, private companies, educators and students, technicians, scientists, engineers, elected officials, regulatory personnel, ranchers, farmers, real estate developers, food service providers, water system operators, wastewater system installers, emergency response personnel, the media, community leaders, and many more.

NMEHC-2004 is organized around a number of concurrent tracks of educational sessions:

- **Environmental Health Innovations** (Developing Technologies, Remediation Techniques and more)
- **Community Health Protection** (Emerging Health Problems, Land Use and Urban Sprawl, Education and Outreach and more)
- **Air Quality** (Indoor and Outdoor Air Issues)
- **Water Resources** (Surface and Groundwater Topics as well as Drinking Water Issues)
- **Food Safety** (From the Farm to the Table and Beyond)
- **Solid Waste & Pollution Prevention**

In addition, there will be special training and certification workshops, credentials exams, industry exhibits, special association membership offers, nationally-known keynote speakers, networking roundtable sessions, luncheons, a gala exhibitor reception, valuable prize drawings and more. **If you attend only one major regional environmental health conference this year, make it NMEHC-2004 in beautiful Albuquerque, New Mexico!**

KEYNOTE SPEAKERS

Opening Session: Monday, October 18, 8:30 am–10:00 am

DR. FLOYD P. HORN, *President, Centaur Security Solutions, Washington, D.C.*

Prior to his present position, Dr. Horn spent 33 years with the U.S. Department of Agriculture, including 10 years as Administrator of the Agricultural Research Service. In 2000 he was appointed as Director of Food, Agriculture and Water Security at the White House Office of Homeland Security. Dr. Horn is internationally recognized as an expert in science leadership and protection against terrorist attacks on agriculture, food and water supplies. Dr. Horn was honored for meritorious service by both President George Bush and by President Bill Clinton.

Dr. Horn earned a B.S. degree in Agricultural Science from the University of Maine, an M.S. degree and his Ph.D. in Animal Nutrition from West Virginia University.

RICHARD GREENE, *Administrator, U.S. Environmental Protection Agency, Region VI, Dallas, Texas*

Mr. Greene was appointed to this position by President Bush in 2003. He oversees environmental programs in Arkansas, Louisiana, Texas, Oklahoma and New Mexico. Prior to this appointment, Mr. Greene served five times as Mayor of Arlington, Texas during which time his city achieved more progress in the field of environmental protection than at any other time in its history. His business career includes work in the fields of higher education, the media, the Olympic movement as well as senior management roles in the automobile and banking industries.

Mr. Greene has a B.S. degree in Business Administration and is a graduate of the School of Mortgage Banking at Northwestern University.

Main Conference Luncheon: Wednesday, October 20, 11:30 am–1:00 pm

JOHN D'ANTONIO, *State Engineer for New Mexico, Santa Fe, New Mexico*

In New Mexico, the State Engineer is also Secretary of the Interstate Stream Commission. He oversees staff members of both these agencies. Mr. D'Antonio was appointed as the State Engineer by Governor Bill Richardson in January 2003. Prior to this, he was Cabinet Secretary of the New Mexico Environment Department under former Governor Gary Johnson. Mr. D'Antonio is a registered professional engineer in New Mexico and Colorado. He also worked 15 years with the U.S. Army Corps of Engineers as Chief of the Hydrology,





CONFERENCE INFO

KEYNOTE SPEAKERS *(continued)*

Hydraulics, Sedimentation and Floodplain Management Program. Mr. D'Antonio is also the Chairman of the Water Trust Board for New Mexico, Commissioner to the Rio Grande Compact and Commissioner to the Costilla River Compact.

Mr. D'Antonio received his B.S. degree in Civil Engineering from the University of New Mexico and has pursued graduate coursework in water resources engineering, hydraulic structures and water resource administration.

JACK LOEFFLER, *New Mexico Endowment for the Humanities, Santa Fe, New Mexico*

Jack Loeffler is a writer, aural historian and radio producer whose books and radio programs focus on traditional culture and environmental activism west of the 100th meridian and in Mexico.

In his presentation, "Water in the West," Loeffler focuses on the importance of understanding one's home watershed, a discussion based on his personal experience as a field researcher and river rat. He recently produced a six-part public radio series on the Colorado River for the National Endowment for the Humanities, and is presently producing a similar series on the Rio Grande. His conclusion: we're in trouble!

CONFERENCE REGISTRATION

Full conference registration includes all of the following events. Anyone registering for only one day of the conference will have the special events for that day included in the One-Day Registration.

Monday, October 18

Continental Breakfast, Opening Session, Keynote Speakers, Networking Roundtable Sessions, Buffet Luncheon in Exhibit Hall, Grand Reception in the Exhibit Hall.

Tuesday, October 19

Continental Breakfast, Buffet Luncheon in Exhibit Hall.

Wednesday, October 20

Continental Breakfast, Main Conference Luncheon, Keynote Speakers.

CONFERENCE HOTEL

The Sheraton Old Town Hotel, 800 Rio Grande Blvd. NW, Albuquerque, NM 87104, where NMEHC-2004 will be held, is located within walking distance of historic "Old Town Albuquerque" with over 200 shops, museums and restaurants. The Sheraton has provided very special room rates for participants

at our conference. However the block of rooms is limited and rates are guaranteed only until September 26, 2004. You are encouraged to make reservations early. When registering, you must mention that you are attending the New Mexico Environmental Health Conference to get the special rates. Rates are: \$78 (plus tax) single or double. Use only these phone numbers for the special NMEHC-2004 rate: 1-800-325-3535 or (505) 843-6300.

EXHIBITOR INFORMATION

NMEHC-2004 will accommodate up to 75 exhibit booths. This is an excellent opportunity to market your products and services to the expected 600 or more attendees. The exhibit booth fee includes full conference registrations for two people of your choice and recognition in the conference program and on the conference web site for a period of one year. Each booth is 10' X 10' with 8' draped rear wall and draped 3' high side rails, a 6' draped table, two chairs and signage. Electrical connection is included at no extra cost.

Exhibit Fee: \$690. Exhibit hours are designed so that no track session occurs at the same time. To encourage maximum exhibit hall participation, two buffet luncheons, the exhibitor reception and all prize drawings will be held in the exhibit hall. Visit our web site at www.nmehc.org for detailed information or phone Jackie Rayburn at (505) 565-0201.

EXHIBIT HOURS:

Sunday, Oct. 17	11:30 am – 6:00 pm	Move-in and Set-up
Monday, Oct. 18	6:00 am – 10:00 am	Move-in and Set-up
	11:30 am – 2:30 pm	Exhibits Open, Luncheon
	4:30 pm – 6:30 pm	Exhibitor Reception
Tuesday, Oct. 19	10:00 am – 2:00 pm	Exhibits Open, Luncheon
	2:00 pm – 5:00 pm	Exhibit Move-out

SPONSORSHIP OPPORTUNITIES

Sponsorship is an excellent means of advertising your organization or company to the attendees of NMEHC-2004, increasing your presence in New Mexico and helping sustain this worthwhile annual conference.

Sponsors will receive recognition in the conference program, on our web site and be acknowledged at the opening session and main luncheon. Many additional incentives and benefits are given in exchange for the level of sponsorship you achieve. Please visit our web site for full details or contact Lorie Stoller at (505) 768-2718.





SHORT COURSES

REFRESHER COURSE FOR THE NAWT INSPECTOR CERTIFICATION

Sunday, 17 October, 8:00 am – 5:00 pm

This one-day refresher course fulfills the requirement for renewing the NAWT (National Association of Wastewater Transporters) Inspector Certification every two years. The Bernalillo County, New Mexico Wastewater Ordinance, requires certification for all onsite wastewater system evaluators. Participants will meet in the hotel classroom and go over the inspection protocol and be given information and background for two sites they will visit during the day. Transportation will be provided to these two sites where participants will run through the inspection protocol and make a decision on the acceptability of what they see, as well as go through the inspection report. At the end of the day, course participants will be returned to the hotel classroom and go through a debriefing session. Instructors will answer questions before adjourning. A Continental breakfast will be provided at the beginning of the class and a box lunch at one of the sites.

Instructors: James Anderson, Ph.D., Department of Soil, Water & Climate, University of Minnesota and Dave Gustafson, PE, Woodland Engineering. **Cost:** \$80.

NAWT INSPECTION TRAINING & CERTIFICATION COURSE FOR ONSITE SEWAGE TREATMENT SYSTEMS

Monday, 18 October, 8:00 am – 5:00 pm and

Tuesday, 19 October, 8:00 am – 5:00 pm

Bernalillo County, New Mexico Wastewater Ordinance requires this mandatory certification for all onsite wastewater system evaluators. This two-day course will provide an introduction to onsite sewage treatment systems as well as a concentration on inspector training and certification. Your successful completion of this training program and examination will provide you with a two-year National Inspection Certification issued by NAWT (National Association of Wastewater Transporters). This program is also endorsed by the U.S. Environmental Protection Agency and completion of this course also enables inspectors to be qualified to take the NSF Certification Program Test. Government regulators and experienced industry professionals will both obtain significant education and value from taking this course.

Instructors: James Anderson, Ph.D., Department of Soil, Water & Climate, University of Minnesota and Dave Gustafson, PE, Woodland Engineering. **Cost:** With full three-day NMEHC Registration (\$165 until 9/30/04, \$200 after 9/30/04). This registration, in addition to the courses, also includes all breakfasts and luncheons, the exhibitors reception and all other conference sessions and events.

NSF TRAINING COURSE ON FOOD ESTABLISHMENT PLAN REVIEW

Sunday, October 17, 2004, 8:00 am – 5:00 pm and

Monday, October 18, 2004, 8:00 am – 5:00 pm

This course is based on the Conference for Food Protection/FDA Blue Book and FDA's Plan Review Training Course and responds to the current Food Code. This two-day course will cover the Plan Review application process, regulatory authority compliance, design, installation and construction of a food establishment, compliance with Hazard Analysis Critical Control Points (HACCP) and Good Manufacturing Practices (GMPs) as well as a plan review outline as it pertains to the current food code.

This course is designed to provide uniformity in the plan review process. Food establishment plan review allows 1) regulatory agencies to ensure that food establishments are built or renovated according to current regulations and eliminate code violations prior to construction and 2) industry to establish an organized and efficient flow of food.

This course is strongly recommended for sanitarians, consultants, local and state regulatory officials, industry professionals responsible for the preparation, design and approval of food establishment plans.

Instructors: Bob Powitz, Ph.D., Health Director for Westbrook, Connecticut and NSF Council for Public Health Consultants and Harry Grenawitzke, Vice-President, American Academy of Sanitarians and Past-President of the National Environmental Health Association. **Cost:** \$160 (does not include conference registration). **Note:** Minimum of 15 people needed for the course. If minimum not met by October 1, 2004, course will be cancelled. Maximum of 40 people may take this course.

CERTIFIED POOL OPERATOR COURSE

Tuesday, 19 October, 8:00 am – 5:00 pm and

Wednesday, 20 October, 8:00 am – 5:00 pm

Whether you are a pool and spa operator, a maintenance technician or a swimming pool regulator, this course is for you. The CPO course is designed to provide individuals with the basic knowledge and techniques and skills of pool and spa operation. Topics covered include filters and filtration, circulation and re-circulation equipment, chemical testing and treatments, spas and related pools, maintenance and management plans as well as energy management. Upon completing this two-day course and successfully passing the examination, you will be credentialed as a Certified Pool Operator through the National Swimming Pool Foundation (NSPF).

Instructor: James Dingman, R.E.H.S., D.A.A.S., Senior Regulatory Services Representative, Underwriters Laboratories, Inc.,





SHORT COURSES

Northbrook, IL. **Cost:** \$95 in addition to full three-day NMEHC registration (\$165 before 9/20/04 and \$200 after 9/20/04) or \$240 without NMEHC registration (\$285 after 9/20/04). Continental breakfasts and luncheons are included.

ARSENIC IN DRINKING WATER: TECHNICAL THEME SESSION AND VENDORS FORUM

Tuesday, 19 October, 8:00 – 11:30 am: “Arsenic in Drinking Water: Countdown to Compliance” Technical Theme Session

Tuesday, 19 October, 1:00 – 5:00 pm: Arsenic Vendors Forum: Technology Overviews

*Wednesday, 20 October, 9:00 am – 5:00 pm:
Technical Evaluations of Treatment Technologies
(Closed Session: by invitation only)*

There will be three activities related to implementation of the new standard for arsenic in drinking water. The morning session on October 19 will deal with the status of efforts in New Mexico and other parts of the country to comply with the new MCL for arsenic by the regulatory deadline of January 23, 2006. Invited papers will describe results of recent epidemiological studies in the United States, regulatory implementation plans, pilot scale studies of innovative technologies, and research by universities, national laboratories and federal agencies to develop new approaches to water treatment. In the afternoon, commercial developers of innovative treatment technologies will describe project histories that demonstrate the effectiveness of their products. In a closed session on October 20, these same technologies will be evaluated by independent technical experts for possible use in pilot demonstrations to be conducted by Sandia National Laboratories at three community sites in 2005.

Organizers: Malcolm Siegel and Brian Dwyer, Sandia National Laboratories. **Cost:** Free with NMEHC registration or NMEHC Exhibitor registration.

THE TIER II SUBMIT ELECTRONIC REPORTING SYSTEM ON CHEMICAL STOCKPILE INFORMATION FOR PUBLIC AND PRIVATE FACILITIES

Wednesday, 20 October, 8:00 – 11:30 am

The EPA passed the Emergency Planning and Community Right to Know (EPCRA) regulations in 1985 as 40 Code of Federal Regulations (CFR Part 312). This requires regulated public and private facilities to report their chemical stockpile information to the state emergency response commission, the

local first response agency and the local emergency planning committees.

This workshop will provide detailed reporting information and instruction on a) which listed extremely and hazardous substances chemicals to report, b) their respective threshold planning quantities, c) important facility information (contacts, ownership), and d) emergency planning information necessary for response and preparedness.

Attendees will be given hands-on training in the new electronic reporting system as well as copies of the Tier II Submit software and instructions on how to use it appropriately.

Instructor: Therese Martinez-Loner, City of Albuquerque Environmental Health Department, Air Quality Division. **Cost:** \$50 or included with NMEHC registration.

MEDIA ADVOCACY TRAINING

Wednesday, 20 October, 8:30 – 11:30 am

The New Mexico Public Health Association is sponsoring a three-hour skill-building training class on media advocacy applied to environmental health and justice issues. This media advocacy training will provide the basics of “what is media advocacy” and skill-building around the “how to’s” for environmental health professionals and consumers to advocate for environmental policy change using the media. Training objectives are: to provide information and skills regarding the use of media to advocate for environmental change both within communities and statewide; provide information necessary to gain access to and work with media personnel in NM’s various media markets (e.g., print and electronic media); and to provide information and skills to develop media strategies that will assist in the design of media advocacy campaigns.

Instructors: Michelle Melendez, Media and Health Promotion Specialist, NM Department of Health; Cheryl Ferguson, Public Policy and Media Advocacy Consultant, NM Policy Matters; Chris Minnick, Media and Health Promotion Specialist, NM Department of Health. **Cost:** Free with conference registration. This training is sponsored by the New Mexico Public Health Association – the statewide organization of public health workers and advocates in New Mexico that brings together the various disciplines of public health as well as community and agency members who contribute to and advocate for public health policies, programs and services. NMPHA provides a forum for public health professionals along with community and agency advocates to share research and practices that promote the health of all New Mexicans.





CONFERENCE INFO

NEHA CREDENTIALS EXAMINATIONS

Monday, October 18, 2004, 1:30 – 6:30 pm

Registered Environmental Health Specialist/Registered Sanitarian (REHS/RS). This is the premier credential available to environmental health field professionals. The exam covers General Environmental Health, Statutes and Regulations, Food Protection, Potable Water, Wastewater, Solid and Hazardous Waste, Hazardous Materials, Zoonoses, Vectors, Pests and Weeds, Radiation Protection, Occupational Safety and Health, Air Quality and Environmental Noise, Housing Sanitation and Safety, Institutions and Licensed Establishments, Swimming Pools and Recreational Facilities, and Disaster Sanitation. **Cost for exam: \$95**

Certified Food Safety Professional (CFSP). This is designed for individuals within the public and private sectors whose primary responsibility is the protection and safety of food. The exam integrates food microbiology, HACCP principles and regulatory requirements into questions that test problem solving skills and knowledge expertise. **Cost for exam: \$95**

Certified Environmental Health Technician (CEHT). The CEHT is for individuals who are interested in field intensive environmental health activities – such as testing, sampling and inspections, and who are required to provide information on safe environmental health practices and to eliminate environmental health hazards. The exam covers Housing, Waste/Wastewater, Air Pollution, Solid Wastes, Radiation Health, Milk and Food, Occupational Health, Vector Control, Community Noise, and Epidemiology. **Cost for exam: \$75**

Application Procedure: Fees listed above are for reference only. To sit for the Credentials Exams you must apply to the National Environmental Health Association (NEHA) and pay the application fee to them. Once you have fulfilled their requirements you will be allowed to sit for the exams. For details, phone Christi Robb at (303) 756-9090 ext. 309 or email at crobb@neha.org. Details also on their website at www.neha.org.

For assistance on studying for these examinations, please contact Jackie Rayburn, President of the New Mexico Environmental Health Association at (505) 565-0201, or email at jrayburn.1@juno.com.

SPECIAL MEMBERSHIP OFFERS

Again this year, NMEHC is going to a registration fee structure whereby “members” have a lower price. Members are those who belong to one of three professional associations who sponsor this conference: The New Mexico Environmental Health Association (NMEHA), the Air and Waste Management Association, New Mexico Chapter (AWMA-NM) and the Ameri-

can Water Resources Association, New Mexico Section (AWRA-NM). There are great benefits in belonging to any or all of these fine groups. You may join any of these associations by adding \$15 to your registration form and receiving the member price. We also have special offers:

SPECIAL OFFER #1

Join the National Environmental Health Association (NEHA) as a first time member for \$85 and receive one year’s free membership in NMEHA (a \$15 value).

SPECIAL OFFER #2

Join all three local organizations (NMEHA, AWMA-NM AND AWRA-NM) for only \$30 for one year (a \$15 value)

SPECIAL OFFER #3

If you decide to register for NMEHC-2004 as a **non-member**, you will automatically be given a choice of one year’s free membership in one of the three local associations: NMEHA, AWMA-NM or AWRA-NM.

PURCHASE ORDER & REFUND POLICY

Purchase orders are gladly accepted for conference registration, however, we must have a purchase order submitted with your registration form. If more than one person is listed on the purchase order, all registration forms should be submitted together. The registrant is completely responsible for submitting the purchase order to NMEHC. If submitting a “PO Pending” registration, registrant will be invoiced for their conference registration if a purchase order is not submitted in a timely manner.

Registration confirmations will be sent by email if an email address is provided on the registration form.

Refund policy: No refunds after October 4, 2004. Cancellations must be received in writing.

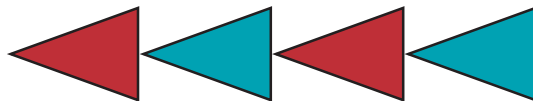
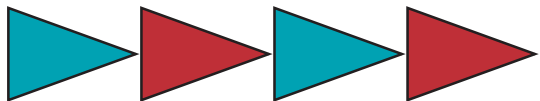
TRANSPORTATION

AIRLINES: Albuquerque is served by the following airlines: American, America West, Continental, Delta, Frontier, Great Plains, Mesa, Northwest, Southwest, and United.

RAILROAD: Albuquerque is on the main line of Amtrak’s Chicago to Los Angeles route and provides daily service in both directions.

RENTAL CARS: All national auto rental companies have service in Albuquerque.





SCHEDULE

SUNDAY, October 17

- 7:00 am – 11:00 am Exhibit Decorator Set-up
7:30 am – 6:00 pm Registration Desk Open
8:00 am – 5:00 pm **WORKSHOP:** NAWT Certification Refresher Course
8:00 am – 5:00 pm **WORKSHOP:** NSF Training Course on Food Establishment Plan Review, Pt. 1 & 2
11:30 am – 6:00 pm Exhibitor Move-in and Set-up

MONDAY, October 18

- 6:00 am – 5:00 pm Registration Desk Open
6:00 am – 10:00 am Additional Exhibitor Move-in
7:00 am – 9:00 am Continental Breakfast
8:00 am – 12:00 pm **WORKSHOP:** NAWT Inspector Training & Certification, Pt. 1
8:00 am – 12:00 pm **WORKSHOP:** NSF Training Course on Food Establishment Plan Review, Pt. 3

8:30 am – 10:00 am Opening Session

Introductions:

Jackie Rayburn, New Mexico Environmental Health Association President

Master of Ceremonies:

Thaddeus Lucero, Bernalillo County Manager

Opening Remarks:

Ron Curry, Cabinet Secretary, New Mexico Environment Department

Alfredo Santistevan, Director, Albuquerque Environmental Health Department

Keynote Speakers:

Dr. Floyd Horn, President, Centaur Solutions (formerly with US FDA), Washington, D.C.

Richard Greene, Administrator, US Environmental Protection Agency, Region VI, Dallas, Texas

10:00 am – 11:30 am Networking Roundtable Sessions

(repeated on Wednesday 1:00-2:00 pm)

Pollution Prevention

Michelle Vattano, NM Environment Department and Chris Campbell, WERC Pollution Prevention Center

Border Health and Environmental Issues

Jagan Butler, Border Health Education Training Center, NM State University and Thomas Ruiz, NM Dept. of Health, Border Health Office

Solid Waste Issues in Bernalillo County

Will Hoffman, Albuquerque Solid Waste Management Dept.

Arsenic Treatment in Drinking Water Systems

Retta Prophet, NM Environment Dept., Drinking Water Bureau

Environmental Education and Public Participation Issues in Waste Management and Environmental Restoration

Deb Thrall, WERC Professional Development Coordinator and Sue Collins, Sandia National Laboratories

GIS in Environmental Health

Kevin Troutman, Bernalillo County Office of Environmental Health

Funding Water, Wastewater and Solid Waste Projects

Carlos Rey Romero, NM Finance Authority

Tier II Filing, Public Information About Hazardous Materials, and Public and Business Outreach

Bruce Berry, Sandia National Laboratories

Community Collaborations for Environmental Health and Justice

Lydia Pendley, Facilitator, NM Partnership for Healthier Communities

Agribusiness in the Rio Grande Valley, Linking Economic Development with Small Lot Farming and Ranching

Ann H. Simon, Economic Development Planner Mid-Region Council of Governments

Environmental Justice

Kristine Suozzi and Kitty Richards, Bernalillo County Office of Environmental Health

11:30 am – 2:30 pm Exhibits Open

12:00 pm – 1:30 pm Buffet Luncheon in Exhibit Hall

1:30 pm – 6:30 pm **NEHA Credentials Exams** (REHS/RS, CFSP, CEHT)

1:00 pm – 5:00 pm **WORKSHOP:** NAWT Inspector Training & Cert., Pt. 2

1:00 pm – 5:00 pm **WORKSHOP:** NSF Training Course on Food Establishment Plan Review, Pt. 4

EDUCATIONAL SESSIONS 2:00–4:30 pm

COMMUNITY HEALTH PROTECTION

State Health Plan: Establishing an Environmental Health Cornerstone

Patricia Montoya, Cabinet Secretary, NM Dept. of Health

ENVIRONMENTAL HEALTH INNOVATIONS

In Situ Bio Film Barriers for Remediation of Groundwater Pollutants

Dr. Eric Nuttall and Lomesh Dutta, University of NM, Dept. of Chemical and Nuclear Engineering

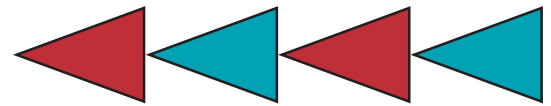
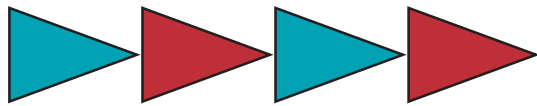
Planned Groundwater Remediation Activities at the Former Los Angeles Landfill

Douglas Earp, Albuquerque Environmental Health Dept.

Phytoremediation of TNT

Clinton P. Richardson, NM Tech, Dept. of Environmental Engineering





SCHEDULE

WATER RESOURCES

Emergency Response for Small Utilities

Lorene Lindsay, National Drinking Water Clearinghouse

Improving Health by Preventing Recreational Water Illness & Injury

Thomas M. Lachocki, National Swimming Pool Foundation

It's All Water, It's All Good: Sustainable Water Management in Semi Arid Areas

Richard Jennings, Earthwright Designs

- 4:30 pm – 6:30 pm Exhibitors' Reception, Exhibits Open (food, cash bar, prize drawings)
- 6:00 pm – 8:00 pm Special Community Forum and Roundtable Discussions (*see page 10*)

TUESDAY, October 19

- 7:00 am – 4:00 pm Registration Desk Open
- 7:00 am – 9:00 am Continental Breakfast
- 8:00 am – 12:00 pm **WORKSHOP:** NAWT Inspector Training & Cert., Pt. 3
- 8:00 am – 12:00 pm **WORKSHOP:** Certified Pool Operator Course, Pt. 1

EDUCATIONAL SESSIONS 8:30–11:30 am

AIR QUALITY

Indoor Air Quality and Mercury

Sandra Ely, NM Environment Dept.

Carbon Monoxide Exposure in Indoor Air

Lila Rojo, Teresa Montoya, Verónica Corella-Barud, Patrick Gurian, MC. Gilberto Velásquez-Angulo

Clearing the Air in Albuquerque: Passing the Clean Indoor Air Ordinance

Cynthia Serna, American Cancer Society

Los Alamos National Laboratory's Experience with Emergency Planning and Community Right to Know TRI Reporting

Margie Stockton, Los Alamos National Laboratory/ URS Corporation

COMMUNITY HEALTH PROTECTION

Building Environmental Health Capacities

NM Dept. of Health, Epidemiology Unit

Environmental Health Tracking

NM Dept. of Health, Epidemiology Unit

Mortality Surveillance in New Mexico

Karen B. Mulloy, University of NM, Health Science Center and Stephanie Moraga-McHaley Albuquerque Environmental Health Dept.

FOOD SAFETY

Epidemiology of Bioterrorism: "Bio Worm," Intentional vs. Nature

Kasey Smith-Alexander, Albuquerque Environmental Health Dept.

Farmers' Markets and Local Food Systems

Esther Kovari, NM Farmers' Marketing Association

Kitchen Fires and Food Safety – The Environmental Aftermath

Florence A. Higgins, NM Environment Dept.

ENVIRONMENTAL HEALTH INNOVATIONS

Arsenic in Drinking Water: Countdown to Compliance

Malcolm Siegel and Brian Dwyer, Sandia National Laboratories

WATER RESOURCES

Aerobic Bioremediation of BTE Contaminated Groundwater In Biosep/Sand Packed Bed Barrier

Dae-Soo Kim and Dr. Greg Thoma, University of Arkansas

Water Treatment Technology for Oil & Gas Produced Waters

Enid J. "Jeri" Sullivan, Los Alamos National Laboratory

Oil Water Separators and Water Resources: Requirements, Design & Comparisons

Frank Parsons, Brown-Minneapolis Tank

- 10:00 am – 2:00 pm Exhibits Open
- 12:00 pm – 1:30 pm Buffet Luncheon in Exhibit Hall, Prize Drawings
- 1:00 pm – 5:00 pm **WORKSHOP:** NAWT Inspector Training & Certification, Pt. 4
- 1:00 pm – 5:00 pm **WORKSHOP:** Certified Pool Operator Course, Pt. 2

EDUCATIONAL SESSIONS 1:30–4:30 pm

AIR QUALITY

Risk Assessment for the Intel Rio Rancho Facility

Sarah T. Chavez, Intel Corporation

Radon Detection in New Mexico

Michael Taylor, NM Environment Dept.

Pollution—I'm Just One Person, How Can I Help?

Rose Murray, City of Albuquerque Transit Dept.

COMMUNITY HEALTH PROTECTION

Removing Structural Barriers to Sustainable Urban Environments

Sarah Kotchian, University of NM School of Medicine





SCHEDULE

New Mexico and Environmental Justice

Bianca Encinias, Southwest Network for Environmental and Economic Justice

Integrated Environmental Health Middle School Project Synopsis

Craig Marcus, University of NM, College of Pharmacy

A Community-Based Participatory Action Approach to Environmental Justice

Kitty Richards, Tomasita Gonzalez and Julio Dominguez, South Valley Partners for Environmental Justice

FOOD SAFETY

Update on BSE (Mad Cow Disease)

Art Marquez, NM Livestock Board

New Mexico Grown: Beef Jerky

Anita Roy, NM Environment Dept.

Food Labeling Guidelines: A New Mexico Interagency Guide to Labeling Requirements

Olivia Andrade de Sanchez, Albuquerque Environmental Health Dept.

ENVIRONMENTAL HEALTH INNOVATIONS

Arsenic Vendors Forum: Technology Overviews

Malcolm Siegel and Brian Dwyer, Sandia National Laboratories

WATER RESOURCES

Surveillance & Control of Mosquitoes in Wastewater Treatment Plants for Control of West Nile Virus

Jacquelyn A. Hakim and Adenike C. Bitto, Monroe County (Pennsylvania) Vector Control

Bad Medicine

Brynda L. Gutierrez and Andrew Padilla, City of Albuquerque

GPS, GIS and Other Technology Used for Permitting & Inspecting Onsite Wastewater Systems

Kevin Troutman, Bernalillo County Office of Environmental Health

2:00 pm – 5:00 pm Exhibitor Breakdown and Move-out

WEDNESDAY, October 20

7:00 am – 2:30 pm Registration Desk Open

7:00 am – 9:00 am Continental Breakfast

8:00 am – 11:30 am **WORKSHOP:** Certified Pool Operator Course, Pt. 3

8:30 am – 11:30 am **WORKSHOP:** Tier II Electronic Reporting Training

8:30 am – 11:30 am **WORKSHOP:** Media Advocacy Training

EDUCATIONAL SESSIONS 8:30–11:30 am

COMMUNITY HEALTH PROTECTION

Center for Disease Control's Public Health Readiness Field Staff Program

Kristin Brusuelas, CDC Office of Terrorism

Health and Medical Emergency Preparedness and Response in New Mexico

Laura Banks and Christine Brown, UNM Center for Disaster Medicine

Disaster Mitigation Planning for Communities in New Mexico

Will Gleason, URS Corporation

FOOD SAFETY

From Cafeteria to Courtroom: Lessons Learned

William Marler and Patti Waller, Marler Clark LLP, PS

Food Borne Illness: Aftermath of a Deficient Food Safety Plan from a Food Safety Perspective – The Decision is Ours

Carmen J. Amaya, Food Safety and Consulting

Expanding the Intended Use of Validated Microbiological Method to New Food Matrices

Willis Fedio, NM State University, Food Safety Laboratory

ENVIRONMENTAL HEALTH INNOVATIONS

Technical Evaluations of Arsenic Treatment Technologies (Closed Session: by invitation only)

Malcolm Siegel and Brian Dwyer, Sandia National Laboratories

11:30 am– 1:00 pm Main Conference Luncheon

Welcome:

Martin Chavez, Mayor of Albuquerque

Keynote Speakers:

John D'Antonio, State Engineer of New Mexico

Jack Loeffler, New Mexico Endowment for the Humanities, "Water in the West."

Grand Prize Drawings

1:00 pm – 2:00 pm Networking Roundtable Session II

1:00 pm – 5:00 pm **WORKSHOP:** Certified Pool Operator Course, Pt. 4

EDUCATIONAL SESSIONS 2:00–4:30 pm

FOOD SAFETY

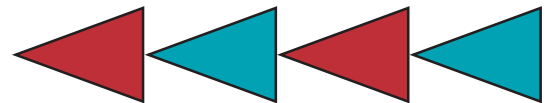
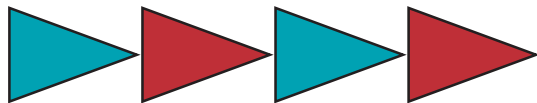
Border Food Safety Issues

Mary Lou LaCasse, NM State University

FDA Food Safety Presentation

Mike Zimmerman, US Food & Drug Administration





SCHEDULE

Homeland Security Issues for Food Processors
Nancy Flores, NM State University

COMMUNITY HEALTH PROTECTION

Using Aikido in the Workplace
Andrew Frye, Aikido School of Self Defense

ENVIRONMENTAL HEALTH INNOVATIONS

Technical Evaluations of Arsenic Treatment Technologies
(Closed Session: by invitation only)
Malcolm Siegel and Brian Dwyer, Sandia National Laboratories

SOLID WASTE & POLLUTION PREVENTION

Update on New NMED Solid Waste Regulations
NM Environment Dept., Solid Waste Bureau

"Seven Generations:" Pollution Prevention for Native American Communities
Michelle Vattano, NM Environment Dept.

University of New Mexico Recycling Program
Linda McCormick, University of NM Safety, Health & Environmental Affairs

E-Waste Recycling in New Mexico
Justin Stockdale, City of Santa Fe

WELCOME TO ALBUQUERQUE!

A ride on the Sandia Peak Tram puts you on top of the 10,678-foot high Sandia Mountains, where you can look out over 15,000 square miles of magical landscape. To the west, the Rio Grande shines its way through the cottonwood-lined valley, called the "bosque," and silhouettes of dormant volcanoes are seen against fiery red sunsets. As darkness blankets the city, thousands of lights twinkle like diamonds, matching the stars scattered through the enormous skies.

Albuquerque is a generous city. It offers a perfect environment to folks who ski, fish, hang glide, bike, golf and ride horses – among other things. But the city also opens its arms to those who appreciate wonderful attractions with museums and galleries galore, as well as spectator sports and cultural and historical sites. Venture farther afield – there are a multitude of places to visit and explore, from Acoma Pueblo to White Sands National Monument to the ancient cliff dwellings at Bandelier National Park to the old mining towns of Golden, Madrid and Cerrillos along the Turquoise Trail. Albuquerque's centralized location makes exploring the state easy and convenient.

We welcome you to this city of enchantment with pride in all it has to offer. Enjoy your visit. We'll look forward to seeing you again.

SPECIAL EVENTS

COMMUNITY NIGHT

Join us on Monday night from 6:00 pm – 8:00 pm for our Community Forum and Roundtable Discussions. As a professional, you can share the latest innovations and technologies concerning environmental issues in waste, air and water resources with the community members that we are trying to serve. As a community member, you can hear these approaches and talk about the concerns and solutions you have found or would like to see. We welcome your participation and encourage you to put on your "problem solving" hats, as we work together caring for our environment.

For more information or to volunteer to participate, contact Leo Bottos, City of Albuquerque Environmental Health Dept. at 768-2662 or email lbottos@cabq.gov.

Pre-Conference Opportunity!

CERTIFIED HAZARDOUS MATERIALS MANAGER OVERVIEW COURSE & EXAM

NM Society of Hazardous Materials Managers (NMSHMM)
UNM Dept of Risk Mgmt/Safety, Health & Environmental Affairs
October 11-14, 2004 • UNM – Albuquerque Campus

The CHMM National Overview Course will be delivered Monday through Wednesday, October 11-13. The CHMM Exam, administered by the national Institute of Hazardous Materials Management (IHMM), will be proctored the morning of Thursday, October 14. This high quality course was developed by the national Academy of Certified Hazardous Materials Managers (ACHMM) and is an excellent overview of the hazardous materials management profession for both introductory and refresher training purposes. It covers hazardous materials related topics such as identification & management, impacts on human health & the environment, protection of human health, environmental protection & restoration, releases to land & water, air & groundwater pollution, regulatory compliance, and multi-media environmental management. The exam is offered separately from the course and therefore course attendees are not required to sit for the exam. Visit NMSHMM's web site at www.nmshmm.org for details. You can also contact Larry Watson at (505) 277-5488 or via email at lwatson@unm.edu.



REGISTRATION FORM

New Mexico Environmental Health Conference 2004

Historic Sheraton Old Town Hotel • Albuquerque, New Mexico • October 18-20, 2004

Name _____

Organization _____

Mailing Address _____

City _____ St _____ Zip _____

Title _____

Telephone _____

Fax _____

Email _____

Area of Expertise _____

Please indicate your conference area of interest (circle all that apply): Air Quality Food Topics Community Health
Waste Issues Water Resources Pollution Prevention New Technologies

REGISTRATION	Before 20 Sept	After 20 Sept	TOTAL
MEMBERS			
Full Conference	\$135	\$170	\$ _____
One-Day Registration	\$80	\$105	\$ _____
[] Monday [] Tuesday [] Wednesday			
NON-MEMBERS			
Full Conference	\$165	\$200	\$ _____
One-Day Registration	\$95	\$120	\$ _____
[] Monday [] Tuesday [] Wednesday			
FULL-TIME STUDENTS			
Full Conference	\$95	\$120	\$ _____
One-Day Registration	\$65	\$90	\$ _____
[] Monday [] Tuesday [] Wednesday			
Note: Non-Member Full Conference Registration includes your choice of a 1-year membership in one association. Circle your choice of one: NM Environmental Health Assoc. (NMEHA) Air & Waste Management Assoc.-NM (AWMA-NM) American Water Resources Assoc.-NM (AWRA-NM)			
Meal choice (circle one) Regular Vegetarian			
Meals are included in your registration			

SPECIAL SHORT COURSES	COST	TOTAL
*REHS/RS Credentials Exams 18 October, 1:30 pm - 6:30 pm	\$95	\$ _____
*CFSP Credentials Exam 18 October, 1:30 pm - 6:30 pm	\$95	\$ _____
*CEHT Credentials Exam 18 October, 1:30 pm - 6:30 pm	\$75	\$ _____
NAWT Certification Refresher 17 October, 8:00 am - 5:00 pm	\$80	\$ _____
Full NAWT Training & Certification Course 18-20 October, 8:00 am - 5:00 pm		\$Free w/ Conf. Reg.
Certified Pool Operator Course 19-20 October, 8:00 am - 4:00 pm	\$95 (w/Conf.Reg.) \$240 (w/o Conf. Reg.)	
NSF Training Course 17-18 October, 8:00 am - 5:00 pm	\$160	\$ _____
Tier II Electronic Reporting 20 October, 8:00 - 11:30 am	\$50	\$ _____
Media Advocacy Training 20 October, 8:30 - 11:30 am		Free w/ Conf. Reg.
* NOTE: Fees for reference only. To sit for the Credentials Exams see page 6.		

EXTRA TICKETS	COST	TOTAL
Buffet Lunch (Monday)	\$30	\$ _____
Reception (Monday)	\$30	\$ _____
Buffet Lunch (Tuesday)	\$30	\$ _____
Main Luncheon (Wednesday)	\$35	\$ _____
ASSOCIATION MEMBERSHIP DUES		
NMEHA Annual Dues	\$15	\$ _____
AWMA-NM Annual Dues	\$15	\$ _____
AWRA-NM Annual Dues	\$15	\$ _____
SPECIAL MEMBERSHIP OFFERS		
Join all 3 state associations NMEHA, AWMA-NM and AWRA-NM	\$30 Save \$15!	\$ _____
Save \$15 by joining the National Environmental Health Association (NEHA) for the first time and receive a free 1-year membership in NMEHA		
	\$85	\$ _____

SAVE MONEY AND REGISTER EARLY!

Mail Registration: NMEHC-2004

PO Box 1371

Sandia Park, NM 87047-1371

Fax Registration: (505) 286-0118

PAYMENT PROCESSING

TOTAL FEES \$ _____

_____ Check enclosed (payable to NMEHC)

_____ Credit Card (circle one): MC Visa Amex Govt Visa

Card # _____

Exp date _____

Name on card _____

Signature _____

CVC# _____ (the last 3 numbers in signature block on back of card. This applies to VISA and MasterCard only)

_____ Purchase Order PO# _____

Registrant is responsible to get Purchase Order to NMEHC. "PO Pending" registrations will be accepted but not processed until Purchase Order is **received** by NMEHC. Start all POs early!

REFUND POLICY: NO refunds after October 4, 2004.

Cancellations must be received in writing. Expect registration confirmation within 2-3 weeks. Confirmation will be sent by email if email address is noted on form.



NMEHC-2004 IS ORGANIZED AND DIRECTED BY THE FOLLOWING PARTNERS...

WERC: A Consortium for Environmental Education and Technology Development
Bernalillo County Office of Environmental Health
New Mexico Environmental Health Association
New Mexico Environment Department
Albuquerque Environmental Health Department
Air & Waste Management Association–New Mexico Chapter
American Water Resources Association–New Mexico Section
New Mexico Public Health Association
Albuquerque Hispano Chamber of Commerce
New Mexico Society of Hazardous Materials Managers

...AND GENEROUSLY SUPPORTED LAST YEAR BY THE FOLLOWING SPONSORS:

Bernalillo County Office of Environmental Health
WERC: A Consortium for Environmental Education and Technology Development
Sandia National Laboratories
Sandia National Laboratories- Arsenic Water Treatment Program
Los Alamos National Laboratories
New Mexico Department of Health
Public Service Company of NM
Intel Corporation
Bernalillo County Fire Department



NMEHC-2004

**New Mexico Environmental
Health Conference**
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